MAINE PUBLIC UTILITIES COMMISSION
OPERATOR EVALUATION REPORT FOR LIQUIFIED PETROLEUM GAS FACILITIES
(PROCEDURES and RECORDS)

Date: _____

Date of Last Evaluation: _____ **State Inspector:** _____

LPG Operator: _____

Operator's Address: ___

City: _____ **State:** _____ **Zip** _____

Phone No. _____ **FAX:** _____

Operator's Rep: _____ **Title:** _____

Persons Interviewed:	**Title:**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

MAINE PUBLIC UTILITIES COMMISSION
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Part 192 Section		PART 191 REQUIREMENTS		S*	U*	N/A*
		Reporting Procedures				
.605(b)(4)	Gathering data for incident reporting					
		191.5	Telephonically reporting incidents to NRC? ((800) 424-8802)			
		191.15(a)	30-day follow up written report? (Form 7100.2)			
		191.15(b)	Supplemental report (to 30-day follow up).			
.605(a)		191.23	Reporting safety-related condition.			
.605(d)			Instructing personnel in operations /maintenance to recognize Safety Related Conditions?			

Part 192 Section		PART 192 REQUIREMENTS		S*	U*	N/A*
		Operation & Maintenance				
.605(a)		**Normal Operating Procedures**				
		.605(a)	Plan reviewed and updated (1year/15 months).			
		.605(b)(3)	Making construction records, maps, & operating history available to appropriate personnel?			
		.605(b)(5)	Start up/shutdown for the pipeline to assure operation within MAOP plus allowable buildup. (See SCADA guidance)			
		.605(b)(8)	Periodically reviewing the work done by operator's personnel to determine the effectiveness and adequacy of the procedures used in normal operation and maintenance and modifying the procedures when deficiencies are found?			
		.605(b)(9)	Taking adequate precautions in excavated trenches to protect personnel from the hazards of unsafe accumulations of vapor or gas, and making available when needed at the excavation, emergency rescue equipment, including a breathing apparatus , and a rescue harness and line.			
		Damage Prevention Program Procedures				
.605(a)		.614	Participation in a qualified one-call system or, if unavailable, a company program that complies with the following:			
			(1) Identify persons who engage in excavating.			
			(2) Provide notification to the public in the One Call area.			
			(3) Provide means for receiving/recording notifications of pending excavations.			
			(4) Provide notification of pending excavations to the members.			
			(5) Provide means of temporary marking for the pipeline in the vicinity of the excavations.			
			(6) Provide for follow up inspection of the pipeline where there is reason to believe the pipeline could be damaged.			
			(i) Inspection must be done to verify integrity of the pipeline.			
			(ii) After blasting, a leak survey must be conducted as part of the inspection by the operator.			
		Emergency Procedures				
.615		(a)(1)	Receiving, identifying, and classifying notices of events which require immediate response by the operator.			
		(a)(2)	Establish and maintain communication with appropriate public officials regarding possible emergency.			
		(a)(3)	Prompt response to each of the following emergencies: (i) Gas detected inside a building. (ii) Fire located near a pipeline. (iii) Explosion near a pipeline. (iv) Natural disaster.			
		(a)(4)	Availability of personnel, equipment, tools, & material required at the scene of each type of emergency.			
		(a)(5)	Actions directed towards protecting people first, then property.			

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Part 192 Section		PART 192 REQUIREMENTS (Cont'd)		S*	U*	N/A*
		Emergency Procedures (Cont'd)				
		(a)(6)	Emergency shutdown or pressure reduction to minimize hazards to life or property.			
		(a)(7)	Making safe any actual or potential hazard to life or property.			
		(a)(8)	Notifying appropriate public officials required at the emergency scene & coordinating planned and actual responses with these officials.			
		(a)(9)	Instructions for restoring service outages after the emergency has been rendered safe.			
		(a)(10)	Investigating accidents and failures as soon as possible after the emergency.			
		(b)(1)	Furnishing applicable portions of the emergency plan to supervisory personnel who are responsible for emergency action.			
		(b)(2)	Training appropriate employees as to the requirements of the emergency plan and verifying effectiveness of training.			
		(b)(3)	Reviewing activities following emergencies to determine if the procedures were effective.			
		(c)	Establish and maintain liaison with appropriate public officials, such that both the operator and public officials are aware of each other's resources & capabilities in dealing with gas emergencies.			
		Public Education Procedures				
.605(a)		.616	Establishing a continuing educational program (in English & other pertinent languages) to better inform the public in how to recognize & report potential gas pipeline emergencies.			
		Failure Investigation Procedures				
.617			Analyzing accidents & failures including laboratory analysis where appropriate to determine cause & prevention of recurrence.			
		Tapping Pipelines Under Pressure				
605(a)		.627	Hot taps must be made by a qualified crew. Note: NDT testing is suggested prior to the tap per API 2201 sect 4.4.			
		Pipeline Purging Procedures				
.605(a)		.629	Purging of pipelines must be done to prevent entrapment of an explosive mixture in the line. (a) Lines containing air must be properly purged. (b) Lines containing gas must be properly purged.			
		Maintenance Procedures				
.605(b)		.703(b)	Each segment of pipeline that becomes unsafe must be replaced, repaired or removed from service			
		.703(c)	Hazardous leaks must be repaired promptly.			
		Patrolling Procedures				
.605(b)		.705(a)	Patrolling ROW conditions and follow-up.			
		.705(b)	Maximum interval between patrols of lines.			
		Distribution System Leakage Survey Procedures				
		.723(b)(1)	Leakage surveys are required in business district at intervals not exceeding 15 months but at least once each calendar year.			
		.723(b)(2)	Leakage surveys are required outside business district at intervals not exceeding 5 years and for cathodically unprotected distribution lines at intervals not exceeding 3 years.			

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Part 192 Section		PART 192 REQUIREMENTS (Cont'd)		S*	U*	N/A*
		Line Marker Procedures				
.605(b)		.707	Line markers installed and labeled as required.			
		Testing of Repairs				
.605(b)		.719	(a) Is the replacement pipe pressure tested to meet the requirements of a new pipeline installed in the same location?			
			(b) Lines of 6" diameter or larger and operate at 20% or more of SMYS, the repair must be nondestructively tested. (.241(b))			
		Test Requirements For Reinstating Service Lines				
.605(b)		.725(a)	Reinstated service lines must be tested in the same manner as new service lines.			
		.725(b)	A service line that is temporarily disconnected must be tested from the point of disconnection.			
		Abandonment or Deactivation of Facilities Procedures				
.605(b)		.727	Does the operator disconnect both ends, purge, and seal each end before abandonment or a period of deactivation where the pipeline is not being maintained?			
		Prevention of Accidental Ignition Procedures				
.605(b)		.751	Reduce the hazard of fire or explosion by:			
			(a) Removal of ignition sources in presence of gas and provision of fire extinguisher.			
			(b) Prevent welding or cutting on pipeline containing combustible mixture.			
			(c) Post warning signs.			
		Corrosion Control Procedures				
605(b)			Are corrosion control procedures established for:			
		.453	Design.			
			Installation.			
		.455(a)	Pipelines installed after July 31, 1971; are the buried segments externally coated and cathodically protected within one year?			
		.455(b)	Was the pipeline installed bare?			
			(a) If yes, has the operator proved that a corrosive environment does not exist?			
			(b) Conducted tests within 6 months to confirm (a)?			
		.457(a)	All effectively coated steel transmission pipelines installed prior to August 1, 1971, must be cathodically protected.			
		.457(b)	Is cathodic protection provided in areas of active corrosion on existing bare or ineffectively coated pipelines?			
		.459	Examination of buried pipeline when exposed.			
		.463	Cathodic protection level according to Appendix D criteria.			
		.465(a)	Pipe-to-soil monitoring (Annually/15 months).			
		.465(c)	Interference bond monitoring (as required).			
		.467	Electrical Isolation (including casings).			
		.471	Test lead maintenance.			
		.473	Interference currents.			
		.477	Internal corrosion control coupon monitoring (2 year/71/2 months).			
		.481	Atmospheric corrosion control monitoring (3 year).			
		.483	Remedial measures (general).			
		.487	Remedial measures (distribution lines other than cast iron or ductile iron).			
		.489	Remedial measures (cast iron and ductile iron pipelines.			

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Part 192 Section		PART 192 REQUIREMENTS (Cont'd)		S*	U*	N/A*
		Operator Qualification Procedures				
.805		A written qualification program that:				
		.805(a)	Identifies covered tasks			
		.805(b)	Evaluates if those performing covered tasks are qualified			
		.805(c)	Allows those unqualified to perform covered tasks while supervised			
		.805(d)	Re-evaluates individual if performance contributes to an accident			
		.805(e)	Re-evaluates individual if believed to be no longer qualified			
		.805(f)	Communicates changes to covered tasks			
		.805(g)	Identifies intervals when re-evaluation is required			
		O & M Records				
191.17			Annual Report (7100.2-1) (100 or more customers on a single source).			
.16			Customer Notification (verification {90 days] & elements).			
.605(a)			O & M Review.			
.605(b)		.605(c)	Abnormal Operations.			
.605(b)(3)			Construction records available to operating personnel.			
.603(b)		.614	Damage Prevention (miscellaneous).			
.603(b)		.615(c)	Liaison program with public officials.			
.603(b)		.616	Public Education.			
.517			Pressure Testing.			
.603(b)		.619	MAOP.			
		.723(b)(1)	Leakage Survey business district (1yr/15mos).			
		.723(b)(2)	Leakage Survey. • Outside business district (5 yrs). • Cathodically unprotected distribution lines (3 yrs).			
.709(a)			Repair – Pipe (life).			
			Repair – Components (5 yrs).			
		Corrosion Control Records				
.491			Are corrosion control records kept for:			
		.491(a)	Maps or records?			
		.459	Examination of buried pipeline when exposed?			
		.465(a)	Annual pipe-to-soil monitoring (15 mo.)?			
		.465(c)	Interference bond monitoring (critical – 21/2 months, other – 1 year?			
		.467	Electrical isolation (including casings)?			
		.471	Test lead maintenance?			
		.473	Interference currents?			
		.481	Atmospheric corrosion control monitoring (3 yrs)?			
		.483	Remedial measures?			

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